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(FILE 'HOME' ENTERED AT 17:51:51 ON 12 SEP 2002)

FILE 'MEDLINE, BIOSIS, SCISEARCH, CAPLUS' ENTERED AT 17:52:18 ON 12 SEP 2002

L1 20788 S (ADENOVIRAL OR ADENOVIRUS) (6A) VECTOR
L2 3063 S REPLICATION-DEFICIENT
L3 13310 S E1A OR E1B
L4 62 S L1 AND L2 AND L3
L5 66412 S HEAT(W) SHOCK(5A) (PROTEIN OR POLYPEPTIDE)
L6 57194 S STRESS(3A) FACTOR OR HSP70 OR HSP27 OR HSP40 OR HSP60
L7 102941 S L5 OR L6
L8 0 S L7 AND L4
L9 35 DUP REM L4 (27 DUPLICATES REMOVED)

=> d 1-35 au ti so l9

L9 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2002 ACS
IN Kovesdi, Imre; McVey, Duncan L.; King, C. Richter
TI Method of preparing viral vectors from eukaryotes by using phage vector
and DNA nicking or cleaving enzyme
SO PCT Int. Appl., 23 pp.
CODEN: PIXXD2

L9 ANSWER 2 OF 35 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AU Haviv, Yosef S.; Takayama, Koichi; Glasgow, Joel N.; Blackwell, Jerry L.;
Wang, Minghui; Lei, Xiaosheng; Curiel, David T. (1)
TI A model system for the design of armed replicating adenoviruses using p53
as a candidate transgene.
SO Molecular Cancer Therapeutics, (March, 2002) Vol. 1, No. 5, pp. 321-328.
<http://mct.aacrjournals.org/>. print.
ISSN: 1535-7163.

L9 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2002 ACS
IN Schouten, Govert Johan; Vogels, Ronald; Opstelten, Dirk Jan Elbertus
TI Modified **adenoviral vectors** lacking E1 and having
reduced expression of E2B and/or E4 for use in gene therapy
SO Eur. Pat. Appl., 73 pp.
CODEN: EPXXDW

L9 ANSWER 4 OF 35 MEDLINE DUPLICATE 1
AU Edholm D; Molin M; Bajak E; Akusjarvi G
TI **Adenovirus vector** designed for expression of toxic
proteins.
SO JOURNAL OF VIROLOGY, (2001 Oct) 75 (20) 9579-84.
Journal code: 0113724. ISSN: 0022-538X.

L9 ANSWER 5 OF 35 MEDLINE
AU Kodama Y; Setoguchi Y; Fukuchi Y
TI Infection of **replication-deficient adenoviral**
vector enhances interleukin-8 production in small airway
epithelial cells more than in large airway epithelial cells.
SO RESPIROLOGY, (2001 Dec) 6 (4) 271-9.
Journal code: 9616368. ISSN: 1323-7799.

L9 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2002 ACS
AU Kim, Jong-Sik; Lee, Seung-Hoon; Cho, Yong-Suk; Park, Kyoungsook; Kim,
Young Ho; Lee, Je-Ho

TI Development of a packaging cell line for propagation of
replication-deficient adenovirus
vector
 SO Experimental and Molecular Medicine (2001), 33(3), 145-149
 CODEN: EMMEF3; ISSN: 1226-3613

L9 ANSWER 7 OF 35 MEDLINE DUPLICATE 2
 AU Zang R Y; Shi D R; Lu H J; Cai S M; Lu D R; Zhang Y J; Qin H L
 TI Adenovirus 5 **E1a**-mediated gene therapy for human ovarian cancer
 cells in vitro and in vivo.
 SO Int J Gynecol Cancer, (2001 Jan-Feb) 11 (1) 18-23.
 Journal code: 9111626. ISSN: 1048-891X.

L9 ANSWER 8 OF 35 MEDLINE DUPLICATE 3
 AU Wildner O; Morris J C
 TI The role of the **E1B** 55 kDa gene product in oncolytic
adenoviral vectors expressing herpes simplex virus-tk:
 assessment of antitumor efficacy and toxicity.
 SO CANCER RESEARCH, (2000 Aug 1) 60 (15) 4167-74.
 Journal code: 2984705R. ISSN: 0008-5472.

L9 ANSWER 9 OF 35 MEDLINE DUPLICATE 4
 AU Wang H; Gordon D; Olszewski B; Song Y L; Kovesdi I; Keiser J A
 TI Rat sponge implant model: a new system for evaluating angiogenic gene
 transfer.
 SO INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, (2000 Dec) 6 (6) 645-53.
 Journal code: 9810955. ISSN: 1107-3756.

L9 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AU Lee, Heuiran; Kim, Jaesung; Lee, Boyoung; Chang, Jin Woo; Ahn, Joongbae;
 Park, Joon Oh; Choi, Jene; Yun, Chae-Ok; Kim, Byung Soo; Kim, Joo-Hang
 TI Oncolytic potential of **E1B** 55 kDa-deleted YKL-1 recombinant
 adenovirus: correlation with p53 functional status
 SO International Journal of Cancer (2000), 88(3), 454-463
 CODEN: IJCNAA; ISSN: 0020-7136

L9 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AU Milas, Mira; Yu, Dihua; Lang, Aiqing; Ge, Tong; Feig, Barry; El-Naggar,
 Adel K.; Pollock, Raphael E.
 TI Adenovirus-mediated p53 gene therapy inhibits human sarcoma
 tumorigenicity
 SO Cancer Gene Therapy (2000), 7(3), 422-429
 CODEN: CGTHEG; ISSN: 0929-1903

L9 ANSWER 12 OF 35 MEDLINE DUPLICATE 5
 AU Wildner O; Morris J C
 TI Therapy of peritoneal carcinomatosis from colon cancer with oncolytic
 adenoviruses.
 SO JOURNAL OF GENE MEDICINE, (2000 Sep-Oct) 2 (5) 353-60.
 Journal code: 9815764. ISSN: 1099-498X.

L9 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AU Hung, Mien-Chie; Wang, Shao-Chun
 TI Suppressing HER2/neu-mediated cell transformation by transcriptional
 repressors
 SO Breast Disease (2000), 11, 133-144
 CODEN: BRDIE5; ISSN: 0888-6008

L9 ANSWER 14 OF 35 SCISEARCH COPYRIGHT 2002 ISI (R) DUPLICATE 6
 AU Morris J C; Wildner O (Reprint)

TI Therapy of head and neck squamous cell carcinoma with an oncolytic
 adenovirus expressing HSV-tk
 SO MOLECULAR THERAPY, (JAN 2000) Vol. 1, No. 1, pp. 56-62.
 Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA
 92101-4495.
 ISSN: 1525-0016.

L9 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2002 ACS
 IN Curiel, David T.; Gomez-Mavarro, Jesus
 TI Gene therapy of cancer using vectors that can be amplified in tumor cells
 SO PCT Int. Appl., 50 pp.
 CODEN: PIXXD2

L9 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2002 ACS
 IN Sampson-Johannes, Adam; Kirn, David
 TI Selective killing and diagnosis of p53+ neoplastic cells using mutant
 adenovirus lacking viral proteins that inactivate p53
 SO PCT Int. Appl., 27 pp.
 CODEN: PIXXD2

L9 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2002 ACS
 IN Fang, Bingliang; Highlander, Steven L.; Casement, Kevin S.; Roth, Jack A.
 TI Construction of modified SV40 viral vectors for gene delivery
 SO PCT Int. Appl., 84 pp.
 CODEN: PIXXD2

L9 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2002 ACS
 IN George, Samuel E.; Blazing, Michael A.
 TI Gene **E1a**- and E3-deleted **adenovirus**/plasmid
vector system for transfection and gene therapy
 SO U.S., 148 pp.
 CODEN: USXXAM

L9 ANSWER 19 OF 35 MEDLINE DUPLICATE 7
 AU Wildner O; Blaese R M; Morris J C
 TI Therapy of colon cancer with oncolytic adenovirus is enhanced by the
 addition of herpes simplex virus-thymidine kinase.
 SO CANCER RESEARCH, (1999 Jan 15) 59 (2) 410-3.
 Journal code: 2984705R. ISSN: 0008-5472.

L9 ANSWER 20 OF 35 MEDLINE
 AU Zhu J; Grace M; Casale J; Chang A T; Musco M L; Bordens R; Greenberg R;
 Schaefer E; Indelicato S R
 TI Characterization of replication-competent adenovirus isolates from
 large-scale production of a recombinant **adenoviral**
vector.
 SO HUMAN GENE THERAPY, (1999 Jan 1) 10 (1) 113-21.
 Journal code: 9008950. ISSN: 1043-0342.

L9 ANSWER 21 OF 35 MEDLINE DUPLICATE 8
 AU Rojas-Martinez A; Wyde P R; Montgomery C A; Chen S H; Woo S L;
 Aguilar-Cordova E
 TI Distribution, persistency, toxicity, and lack of replication of an
E1A-deficient **adenoviral vector** after
 intracardiac delivery in the cotton rat.
 SO CANCER GENE THERAPY, (1998 Nov-Dec) 5 (6) 365-70.
 Journal code: 9432230. ISSN: 0929-1903.

L9 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2002 ACS
 IN Falck-pedersen, Erik S.; Crystal, Ronald G.; Mastrangeli, Andrea;

Abrahamsen, Karil
 TI **Replication-deficient** recombinant group A, B, D, E,
 and F **adenoviral vectors** for use in gene therapy or
 vaccination
 SO PCT Int. Appl., 43 pp.
 CODEN: PIXXD2

L9 ANSWER 23 OF 35 MEDLINE DUPLICATE 9
 AU Zsengeller Z K; Boivin G P; Sawchuk S S; Trapnell B C; Whitsett J A;
 Hirsch R
 TI Anti-T cell receptor antibody prolongs transgene expression and reduces
 lung inflammation after adenovirus-mediated gene transfer.
 SO HUMAN GENE THERAPY, (1997 May 20) 8 (8) 935-41.
 Journal code: 9008950. ISSN: 1043-0342.

L9 ANSWER 24 OF 35 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
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 AU Chang, Joe Yujiao; Xia, Weiya; Hao, Ruping; Sorgi, Frank; Hortobagyi,
 Gabriel N.; Huang, Leaf; Hung, Mein-Chie (1)
 TI The tumor suppression activity of **E1A** in HER-2/neu-
 overexpressing breast cancer.
 SO Oncogene, (1997) Vol. 14, No. 5, pp. 561-568.
 ISSN: 0950-9232.

L9 ANSWER 25 OF 35 MEDLINE DUPLICATE 11
 AU Kim M; Wright M; Deshane J; Accavitti M A; Tilden A; Saleh M; Vaughan W
 P;
 Carabasi M H; Rogers M D; Hockett R D Jr; Grizzle W E; Curiel D T
 TI A novel gene therapy strategy for elimination of prostate carcinoma cells
 from human bone marrow.
 SO HUMAN GENE THERAPY, (1997 Jan 20) 8 (2) 157-70.
 Journal code: 9008950. ISSN: 1043-0342.

L9 ANSWER 26 OF 35 CAPLUS COPYRIGHT 2002 ACS
 IN Gregory, Richard J.; Huang, Whei-Mei
 TI Gene therapy for tumors using replication competent targeted
adenoviral vectors
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2

L9 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2002 ACS
 IN Hallenbeck, Paul L.; Ramsey, William J.; Chiang, Yawen L.; Hammer,
 Marlene
 TI Replication-defective **adenovirus** gene therapy **vectors**
 with expression of the therapeutic gene limited to diseased tissue
 SO PCT Int. Appl., 75 pp.
 CODEN: PIXXD2

L9 ANSWER 28 OF 35 SCISEARCH COPYRIGHT 2002 ISI (R)
 AU CHANG J Y; XIA W Y; SHAO R P; HUNG M C (Reprint)
 TI INHIBITION OF INTRATRACHEAL LUNG-CANCER DEVELOPMENT BY SYSTEMIC DELIVERY
 OF **E1A**
 SO ONCOGENE, (03 OCT 1996) Vol. 13, No. 7, pp. 1405-1412.
 ISSN: 0950-9232.

L9 ANSWER 29 OF 35 MEDLINE DUPLICATE 12
 AU Oligino T; Poliani P L; Marconi P; Bender M A; Schmidt M C; Fink D J;
 Glorioso J C
 TI In vivo transgene activation from an HSV-based gene therapy vector by

- GAL4:vp16.
- SO GENE THERAPY, (1996 Oct) 3 (10) 892-9.
Journal code: 9421525. ISSN: 0969-7128.
- L9 ANSWER 30 OF 35 SCISEARCH COPYRIGHT 2002 ISI (R)
AU ZHANG Y J; YU D H; XIA W Y; HUNG M C (Reprint)
TI HER-2/NEU-TARGETING CANCER-THERAPY VIA ADENOVIRUS-MEDIATED **E1A**
DELIVERY IN AN ANIMAL-MODEL
SO ONCOGENE, (18 MAY 1995) Vol. 10, No. 10, pp. 1947-1954.
ISSN: 0950-9232.
- ✓ L9 ANSWER 31 OF 35 MEDLINE DUPLICATE 13
AU Zsengeller Z K; Wert S E; Hull W M; Hu X; Yei S; Trapnell B C; Whitsett J
A
TI Persistence of **replication-deficient**
adenovirus-mediated gene transfer in lungs of immune-deficient (nu/nu)
mice.
SO HUMAN GENE THERAPY, (1995 Apr) 6 (4) 457-67.
Journal code: 9008950. ISSN: 1043-0342.
- L9 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2002 ACS
IN Trapnell, Bruce; Whitsett, Jeffrey
TI **Adenoviral vectors** containing DNA encoding human lung
surfactant protein
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2
- ✓ L9 ANSWER 33 OF 35 MEDLINE DUPLICATE 14
AU Eissa N T; Chu C S; Danel C; Crystal R G
TI Evaluation of the respiratory epithelium of normals and individuals with
cystic fibrosis for the presence of adenovirus **E1a** sequences
relevant to the use of **E1a- adenovirus vectors**
for gene therapy for the respiratory manifestations of cystic fibrosis.
SO HUMAN GENE THERAPY, (1994 Sep) 5 (9) 1105-14.
Journal code: 9008950. ISSN: 1043-0342.
- L9 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2002 ACS
AU Yoshimura, Kunihiro; Rosenfeld, Melissa A.; Seth, Prem; Crystal, Ronald
G.
TI Adenovirus-mediated augmentation of cell transfection with unmodified
plasmid vectors
SO J. Biol. Chem. (1993), 268(4), 2300-3
CODEN: JBCHA3; ISSN: 0021-9258
- L9 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2002 ACS
IN Crystal, Ronald G.
TI Gene therapy of lung disease using **adenovirus vectors**
SO U. S. Pat. Appl., 59 pp. Avail. NTIS Order No. PAT-APPL-7-769 623.
CODEN: XAXXAV

=> d bib 32 35 19

- L9 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2002 ACS
AN 1995:324646 CAPLUS
DN 122:153378
TI **Adenoviral vectors** containing DNA encoding human lung
surfactant protein
IN Trapnell, Bruce; Whitsett, Jeffrey
PA Genetic Therapy, Inc., USA; University of Cincinnati

SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9423582 | A1 | 19941027 | WO 1994-US3831 | 19940407 |
| | W: CA, JP, US | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | CA 2160136 | AA | 19941027 | CA 1994-2160136 | 19940407 |
| | EP 701401 | A1 | 19960320 | EP 1994-914075 | 19940407 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | | |
| SE | JP 09500782 | T2 | 19970128 | JP 1994-523310 | 19940407 |
| PRAI | US 1993-44406 | | 19930408 | | |
| | WO 1994-US3831 | | 19940407 | | |

L9 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2002 ACS

AN 1992:420516 CAPLUS

DN 117:20516

TI Gene therapy of lung disease using **adenovirus vectors**

IN Crystal, Ronald G.

PA United States Dept. of Health and Human Services, USA

SO U. S. Pat. Appl., 59 pp. Avail. NTIS Order No. PAT-APPL-7-769 623.

CODEN: XAXXAV

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | US 769623 | A0 | 19920415 | US 1991-769623 | 19911002 |
| | US 6013638 | A | 20000111 | US 1993-165753 | 19931213 |
| | US 6136594 | A | 20001024 | US 1995-442262 | 19950516 |
| PRAI | US 1991-769623 | B1 | 19911002 | | |
| | US 1992-889913 | B1 | 19920529 | | |

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